PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY DATA						
		١	Name	Execution Date		
Sang-Hoon CHO				12/10/2008		
Yun-Seok CHO				12/10/2008		
Myung-Ok KIM				12/10/2008		
Sang-Hoon PARK				12/10/2008		
Young-Kyun JUNG				12/10/2008		
RECEIVING PARTY DATA						
Name:	Hynix Semiconductor Inc.					
Street Address:	San 136-1, Ami-ri, Bubal-eup					
City:	Icheon-si, Gyeonggi-do					
State/Country:	REPUBLIC OF KOREA					
Postal Code: 467-701						
PROPERTY NUMBERS Total: 1						
Property Type			Number 68301			
Application Number: 13168		301				
CORRESPONDENCE DATA						
Fax Number: (703)518-5499						
Correspondence will be	e sent via US Mai	l whe	n the fax attempt is unsuccessful.			
Phone: /036841111						
Email: yshgroup@ipfirm.com						
Correspondent Name: LOWE HAUPTMAN HAM & BERNER, LLP Address Line 1: 1700 DIAGONAL ROAD						
Address Line 2: SUITE 300						
Address Line 4: ALEXANDRIA, VIRGINIA 22314						
ATTORNEY DOCKET NUMBER:		123037-0048DIV				
NAME OF SUBMITTER:			Yoon S. ham			
Total Attachments: 1 source=123037-0048_Assginment#page1.tif						

Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

1) CHO, Sang-Hoon	2) CHO, Yun-Seok
3) KIM, Myung-Ok	4) PARK, Sang-Hoon
5) JUNG, Young-Kyun	6)

who has made a certain new and useful invention, hereby sells, assigns and transfers unto Hynix Semiconductor Inc. having a place of business at San 136-1, Ami-ri, Bubal-eup, Icheon-si, Gyeonggi-do 467-701, Republic of Korea, its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled SEMICONDUCTOR DEVICE AND METHOD OF FABRICATING THE SAME

for which an application for United States Letters Patent was filed on ______, and identified by (a) United States Patent Application No. _____; or

(b) for which an application for United States Letters Patent was executed on _____

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon reduces of the said ASSIGNEE. its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1)

Name: CHO, Sang-Hoon

2) ______Name: CHO, Yun-Seok

3)_

Name: KIM, Myung-Ok

4)

Name: PARK, Sang-Hoon

5) ______Name: JUNG, Young-Kyun

Saughern (

Date:December

Date: December 10, 2008

Date: December 10, 2008 Park Sanghoon

Date: December 10, 2008

Toung Kyun Date: December 10,

PATENT REEL: 026498 FRAME: 0330

RECORDED: 06/24/2011